MD 2/4 is considered to run in a North-South direction.

PROPOSED SIGNS

7- 10 — R 3-3(2) 30" x 30"

17,18 — R 3-7(R) 30" x 30"

19 — R 3-5(L) 30" x 36"

20 — R 3-5(R) 30" x 36"

11-14 — Temporary Sign W 3-3 48" x 48"

15 — Soloman's Is. Rd — D 3-2 16" x Var.

16 — Old Field Lane → — D 3-2 16" x Var.

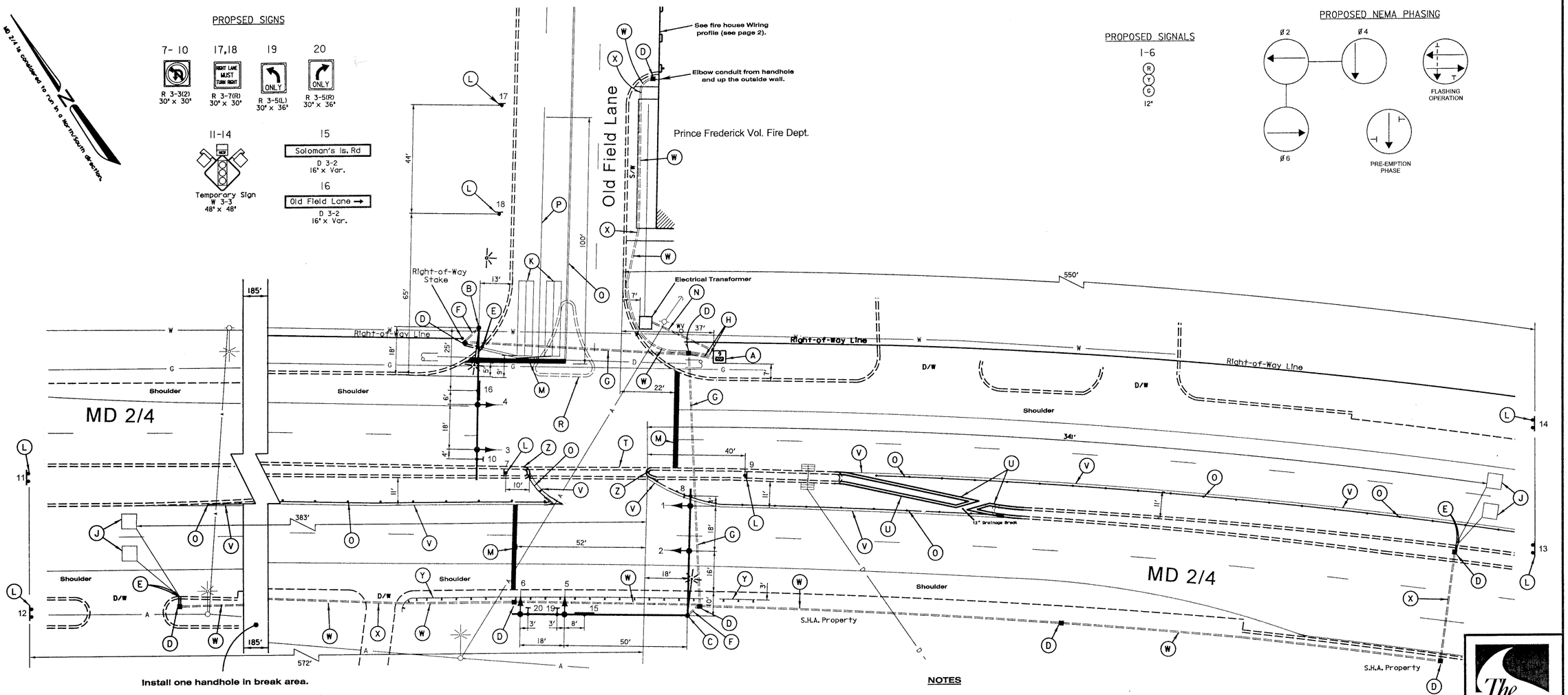
PROPOSED SIGNALS

1-6

R Y G

12"

PROPOSED NEMA PHASING



Install one handhole in break area.

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground MD-SHA Type B-13 electrical service.

B. Install 27 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).

C. Install 27 ft. steel twin mast arm pole with 50 ft. and 70 ft. mast arms, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).

D. Install handhole.

E. Install 1 in. liquid tight flexible conduit for loop detector lead-in.

F. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

G. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.

H. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

J. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).

K. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).

L. Install ground mounted sign as shown.

M. Install 24 in. wide pavement marking - white for stop line.

N. Proposed underground electrical service by SMECO.

O. Install reboundable delineator system.

P. Install 5 in. wide solid white pavement marking for lane line.

Q. Remark existing 5 in. wide double yellow (center line) pavement marking.

R. Remove existing island and install traffic bearing roadway surface.

S. Install 3/4 in. galvanized steel electrical conduit - wall mounted (see page 2).

T. Remove existing concrete median and install traffic bearing roadway surface.

U. Install 4 ft. wide monolithic median.

V. Install 5 in. wide solid yellow pavement marking for edge line.

W. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.

X. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.

Y. Install Traffic Barrier W-Beam.

Z. Install Type-A curb and gutter.

NOTES

1. Geometrics shall be confirmed prior to the installation of all signal equipment shall be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the highway contract.
4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

The Traffic Group

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Job. No. 970727-031
SIGPLAN.DGN

GEOMETRIC LEGEND

EXISTING GEOMETRICS

PROPOSED GEOMETRICS

UTILITY LEGEND

G — GAS MAIN
W — WATER MAIN
S — SEWER MAIN
E — ELECTRIC CABLES
D — STORM DRAIN
A — AERIAL CABLES
T — TELEPHONE CABLES

REVISIONS

APPROVALS

ASST. TRAFFIC ENGINEERING DESIGN DIVISION

ASST. DISTRICT ENGINEER - TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION — 8.22.99

DIRECTOR, OFFICE OF TRAFFIC & SAFETY — 8/20/99

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 2/4 at Old Field Lane

DATE: August 12, 1999 — LOG MILE = 04002019.56

DRAWN BY: Cody Pryseski — F.A.P. NO. N/A — PLAN SHEET NO.# — SHEET NO.

CHK. BY: — S.H.A. NO. AW279A5P/B5P/M5P — TS3921 — 1 of 2

SCALE: 1" = 20' — COUNTY: CALVERT

DELETE POLES